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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/652,988	08/29/2003	Brian James DeHamer	200208087-1	2983

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 50527-2400

EXAMINER

VO, TED T

ART UNIT	PAPER NUMBER
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2191

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07/02/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/652,988	Applicant(s) DEHAMER ET AL.	
	Examiner Ted T. Vo	Art Unit 2191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 April 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. This action is in response to the amendment filed on 4/02/07.

Claims 1-20 are pending in the application.

Response to Arguments

2. Applicants' amendment to the specification remains fail to comply with 37 CFR 1.77(b). The Applicants' argument to this objection is considered, however, this objection is set forth under 37 CFR 1.77(b), therefore, the objection to the specification is maintained. If no text follows a section heading, the phrase "Not Applicable" should follow the section heading. Applicants respectful request amending the specification pursuant to 37 CFR 1.77(b), or filing a petition in regard to this objection.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT.
- (e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC.
- (f) BACKGROUND OF THE INVENTION.
 - (1) Field of the Invention.
 - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (g) BRIEF SUMMARY OF THE INVENTION.
- (h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (i) DETAILED DESCRIPTION OF THE INVENTION.
- (j) CLAIM OR CLAIMS (commencing on a separate sheet).
- (k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (l) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

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- With regards to the amendment and arguments to the rejection of Claims under 35 USC 101, the amendment fails to provide the claims as being consistent to a specific asserted utility in the specification.

- With regard to the argument to the rejection of Claim 1-20 under Han, particularly Applicants argued Han does not disclose the newly added limitation:

a navigation manager generator that is adapted to provide a navigation manager that saves a user's intended destination and subsequently recalls that information to redirect the user back to the intended destination upon completion of a prerequisite as recited in the manner of Claims 1, 8, 15, and 18.

In light of the specification, the specification describes a common feature, as seen in a standard web page, created by web languages. The limitation that is used, and as in this specification, is seen very common in a web page as forward or backward navigation buttons used to retrieve back and forth a part of document or a web page, the retrieval is upon completion of a prerequisite. For example, any standard browser like a Microsoft IE, it always has "→" (forward push) and "back" (backward pop) or "←" in the set of standard navigation buttons. When a user intends to get an address URL via an address link, it pushes (save) this address of the link in a stack as a save link mode (claim: manager saves a user's intended destination). The user can use the backward pop that subsequently recalls the previous address of a link in the stack. The action used in the Microsoft IE does exactly the same as the functionality described in this specification.

Han also does the same as it uses "Navigation Bar". It uses a web language "XML" to implement this navigation feature. See the Figure in p. 224, the Navigation Bar is created by the web language and implemented in the web page. In the left of the page is a list of hyperlinks (under the "contents"), each hyperlink represents a web document, a note, in which any action on the forward/backward will cause a particularly node sent to a particularly audience. The act of forward/backward bar navigation reads "intended destination", "save" and "recall" based on a completion of prerequisite; where with the Navigation Bar in this web page, it does the same as the forward and backward buttons in the standard set of buttons on top of the Microsoft IE, i.e. it does pop and push back and forth to an intended destination upon completion of a prerequisite.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 18-20 are rejected under 35 U.S.C. 101 because the claimed invention is not supported by either a specific asserted utility or a well established utility. The specification does not describe or include any utility for a claimed subject matter in Claims 18-20.

Claims 18-20 are also rejected under 35 U.S.C. 112, first paragraph. Specifically, since the claimed invention is not supported by either a specific asserted utility or a well established utility for the reasons set forth above, one skilled in the art clearly would not know how to use the claimed invention.

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 18-20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 18-20 recite "a tangible machine readable medium, comprising: code....". This limitation is indefinite because there is no sufficient antecedent basis in the specification. Furthermore, "a medium comprising code" is unclear. It should be noted that a medium stores code only.

Claim Rejections - 35 USC § 101

7. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

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8. The claims 18-20 are rejected under 35 U.S.C 101 because the claimed invention is directed to non-statutory subject matter.

The Claims 18-20 is not statutory as set forth under 35 U.S.C. 101 as in the section 4 above.

To expedite a complete examination of the instant application the claims rejected under 35 U.S.C. 101 (nonstatutory) above are further rejected as set forth below in anticipation of application amending these claims to place them within the four statutory categories of invention.

Claim Rejections - 35 USC § 102

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

10. Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Han et al., "WebSplitter: A Unified XML Framework for Multi-Device Collaborative Web Browsing", ACM, 2000.

Given the broadest reasonable interpretation of followed claims in light of the specification.

As per Claim 1: Han discloses,

A system for creating web applications, the system comprising: a controller generator that is adapted to provide a web application with a controller ("PROXY") that receives requests for data from users and responds to the requests by obtaining requested data (See Figure 5, PROXY receives request from creator's laptop and send response); and a navigation manager generator ("Lecturer/section creator/XML & Policy file") that is adapted to provide a navigation manager that saves a user intended destination and subsequently recalls that information to redirect the user back to the intended (see Examiner explains in

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the above argument) *upon completion of a prerequisite* (p. 226, left col., sec. 3.1: 'The proxy registers itself (1) to the service discovery database so that a client can find the proxy (2). Next, the session creator clicks on the desired proxy's hyperlink (3) and the proxy returns a session login menu requesting the session name and URL of the first XML Web page (4). Then, the proxy pulls the requested XML page (5) and its associated policy file (6) into the proxy. The proxy parses the XML page and policy file to create privilege groups (7), then sends to the session creator a login menu requesting username and password (8).' (the underscored phase reads prerequisite, because in XML document or HTML document (p.226: left col., first paragraph) this type login menu in a webpage is a tag "form").

As per Claim 2: Han discloses, *The system set forth in claim 1, wherein the prerequisite comprises a form* (refer to tags in HTML/XML document, see in p.226: left col., first paragraph, the tags of these language create a form of login menu)).

As per Claim 3: Han discloses, *The system set forth in claim 1, wherein the prerequisite comprises a user login* (see Figure 5).

As per Claim 4: Han discloses, *The system set forth in claim 1, wherein the prerequisite comprises an access rights verification* (see Figure 2, 'access privileges').

As per Claim 5: Han discloses, *The system set forth in claim 1, wherein the navigation manager generator is adapted to identify the prerequisite for the user request* (see p. 227, 'to identify the privilege group of the user/subscriber').

As per Claim 6: Han discloses, *The system set forth in claim 1, wherein the navigation manager generator is adapted to store the user request upon identification of the prerequisite* (It is the task of section . creator/XML & Policy file' in the proxy server).

As per Claim 7: Han discloses, *The system set forth in claim 1, comprising a model object* (e.g., WebSplitter application/ or web objects that deliver to end clients/users (p. 226, right col.)) *and a view object* (P. 224, see 'Web presentation' or web browsing) *separate from one another and separate from the controller* (at end user), *wherein the model object is adapted to provide an application state* (content of a web object) *for the web application and the view object is adapted to provide a view presentation* (view of the web content that is implemented by XML/HTML and viewable by and end users) *for the web*

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application. For example, see p. 222, in Figure 1, a web application (top left: "model object" (also seen in Figure 2)) is requested by an end user (low right, an end user using web browsing: "view object". This 'web application' is provided by the PROXY, which is separated from the end user's view object, when it is available in the end will be seen as in the figure 2).

As per Claim 8: See rationale addressed in the rejection of claim 1.

As per Claim 9: Han discloses, *The method set forth in claim 8, comprising providing request tracking logic adapted to track the user request*. That is constructs provided under form of XML/HTML document and uses HTTP to provide a request (See p. 228, sec. 4 Client-Side Functions).

As per Claim 10: Han discloses, *The method set forth in claim 8, comprising providing navigational rules for a portal name, a first path corresponding to initiation of the prerequisite, and a second path corresponding to completion of the prerequisite* (See Figure 5, sending/response under login).

As per Claim 11: Han discloses, *The method set forth in claim 10, comprising setting a first navigational rule to save an intended path corresponding to the user request if a navigational redirection is provided to the first path* (See abstract: Pushed browsing data).

As per Claim 12: Han discloses, *The method set forth in claim 11, comprises setting a second navigational rule to recall an intended path corresponding to the user request if a navigational redirection is provided to the second path* (See abstract: Pushed browsing data).

As per Claim 13: Han discloses, *The method set forth in claim 8, comprising providing request storage logic adapted to save the user request if subject to the prerequisite* (This is known in the art as cache proxy, where cache proxy has logics to save the user request. Note: Applicant is referred to the definition of Proxy server/cache proxy that is available online).

As per Claim 14: Han discloses, *The method set forth in claim 8, comprising providing request recall logic adapted to recall the user request if the prerequisite is complete* (The Figure 5 and 6 that use PROXY read this claim limitation).

As per Claim 15: See rationale addressed in the rejection of Claim 1, especially see sec. 4: Client-Side Functions.

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As per Claim 16: Han discloses, *The system set forth in claim 15, wherein the means for setting navigational rules comprises means for storing the intended path.* See rationale addressed in the rejection of claim 6.

As per Claim 17: Han discloses, *The system set forth in claim 15, wherein the means for setting navigational rules comprises means for recalling the intended path.* See rationale addressed in the rejection of claim 6.

As per Claim 18: Han discloses, See rationale addressed in the rejection of claim 1.

As per Claim 19: Han discloses, *The tangible machine readable medium set forth in claim 18, comprising a controller generator stored on the machine readable medium, the controller generator being adapted to provide the web application with the ability to receive requests for data from users and respond to the requests by obtaining requested data.*

See rationale addressed in the rejection of claim 1, particularly, the PROXY is already known for performing the feature of the claim.

As per Claim 20: Han discloses, *The tangible machine readable medium set forth in claim 18, wherein the navigational control logic comprises navigational rules for a portal name, a first path corresponding to initiation of the prerequisite, and a second path corresponding to completion of the prerequisite.* See rationale addressed in the rejection of claim 1, particularly, the PROXY is already known for performing the feature of the claim.

Conclusion

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH**

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shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ted T. Vo whose telephone number is (571) 272-3706. The examiner can normally be reached on 8:00AM to 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Y. Zhen can be reached on (571) 272-3708.

The facsimile number for the organization where this application or proceeding is assigned is the Central Facsimile number **571-273-8300**.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TTV
June 22, 2007


TED VO
PRIMARY EXAMINER